



The

MARKETPLACE

For Recycling Commodities

Kentucky Recycling Assistance Section

March 2018

Waste Tire Working Group

By Byron (B.J.) Bland

The Recycling and Local Assistance Branch in the Division of Waste Management conducted a meeting of the Waste Tire Working Group (WTWG) on February 20, 2018. The WTWG holds two meetings each year. These meetings are open to the public and are beneficial to those in the field of waste tire processing, recycling and disposal, as well as county solid waste coordinators, and others interested in sustainable materials management. The purpose of the group is to function in an advisory capacity to the Energy and Environment Cabinet for issues involving waste tire management.

Gary Logsdon started off the WTWG presentations by discussing the Scrap to Profit Conference in Nashville, TN that was attended in the fall of 2017. This is an annual conference to bring recyclers, regulators, tire industry, and innovators together to share ideas on resources, products and markets for recycled tires. B.J. Bland followed Gary by reviewing the final results of the 2017 rubber-modified asphalt (RMA) grant and informed attendees that there are plans to offer the RMA grant in 2018. The five rubber modified thin asphalt overlay projects funded in the most recent grant cycle consumed approximately 800 tires or more per lane mile of road. The 2018 application will be available for the public soon. Mr. Bland also provided a short presentation on California's RMA program as a comparison and contrast to Kentucky's RMA program. JR Holt provided a quick overview of the upcoming tire collection events for the spring of 2018.

The highlight of the working group meeting was an outside speaker with KBI Industries, Kevin Bagnall. KBI specializes in manufacturing and installing pour-in-place ground rubber tire surfaces. These surfaces can be engineered to be soft and have specific fall ratings for uses such as on play grounds. With slight engineering changes these types of products can be constructed to stand up to heavy foot travel and even automotive traffic. Porous ground rubber paving allows water to filter back into the ground. Playground and walking path applications prohibit the development of mud, allowing for immediate access to areas after rain events. In the case of storm water, porous paving products permit water to pass through the surface of the crumb rubber instead of flowing on the surface which reduces overland flow. This fall will be the next WTWG meeting, no date has been confirmed yet. Tentatively, Dan Quire with Wright Asphalt is scheduled to

speak about the specifics of rubber-modified asphalt manufacturing and installation. His expertise will be beneficial for solid waste coordinators, and county and municipal representatives who have an interest in learning about the advantages (cost to benefit, installation and longevity) when using RMA.

E-scrap Stream in the U.S. – Shifts in measurement and guidelines

Excerpted from E-Scrap News

Electronics recycling decision-makers would be wise to keep tabs on state-level regulations as well as standards helping to guide design decisions for new electronics.

The regulatory space is interesting because developments in state programs most clearly reflect how the changing product stream is affecting used electronics management. Two developments are particularly noteworthy – that of convenience measures and a renewed interest in exploring “eco fees” or some other pay-for-service model.

The emergence of convenience as an alternative to weight-based producer obligations in multiple states is generating conversation. In previous research at The Sustainability Consortium, product-return convenience was identified as an important part of used electronics management by a wide range of stakeholders, but those stakeholders struggled to agree on how such a framework should be implemented, or what would be a reasonable measure of success. Stakeholders will be watching closely as programs in Canada work to fine-tune their own measurement models. For example, an updated version of the producer-funded system in Ontario was approved at the end of last year, and it should provide a platform for new competitive program models. It will also include obligations around reuse and refurbishment.

As that research and other industry trends make clear, the electronics recycling landscape will continue to evolve and bring with it new opportunities and technologies to responsibly manage electronic devices beyond their first useful life. Because of the high degree of uncertainty surrounding what electronics will look like in five years, the recovery industry will need to continue to innovate and become more flexible in terms of what is recovered.

COMMODITY

<u>PAPER-\$/TON</u>	RecyclingMarkets.Net/Secondary Fiber Pricing (Midwest/Central Region) FOB							
-	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-17
#2 mixed paper	\$60-65	\$30-35	\$30-35	\$30-35	\$30-35	\$20-25	\$10-20	\$75-80
#37 sorted office paper (SOP)	\$155-165	\$130-140	\$130-140	\$130-140	\$130-140	\$145-150	\$145-150	\$165-170
#8 ONP	\$70-80	\$50-60	\$50-60	\$50-60	\$50-60	\$50-60	\$50-60	\$85-90
#40 sorted white ledger (SWL)	\$205-215	\$205-215	\$205-215	\$205-215	\$215-225	\$225-235	\$225-235	\$205-215
#11 OCC	\$140-155	\$90-100	\$90-100	\$90-100	\$90-100	\$85-95	\$85-95	\$145-160
<u>PLASTICS-¢/LB.</u>	RecyclingMarkets.Net/Secondary Materials Pricing - FOB							
-	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-17
#1 PET - mixed (clear & green)	\$0.16	\$0.14	\$0.14	\$0.14	\$0.14	\$0.14	\$0.15	\$0.12
#2 HDPE (natural-milk jugs)	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.34	\$0.38	\$0.33
#2 HDPE (colored-detergent btls.)	\$0.17	\$0.19	\$0.19	\$0.17	\$0.16	\$0.16	\$0.18	\$0.23
<u>GLASS-\$/TON</u>	RecyclingMarkets.Net/Secondary Materials Pricing - Delivered							
-	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-17
clear (flint)	\$33.00	\$32.50	\$32.50	\$32.50	\$32.50	\$32.50	\$32.50	\$31.00
brown (amber)	\$22.50	\$27.50	\$27.50	\$27.50	\$22.50	\$22.50	\$22.50	\$27.50
green	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50	\$12.50
<u>METALS</u>	RecyclingMarkets.Net/Secondary Materials Pricing - Baled/Densified							
-	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-17
aluminum beverage cans (UBC) cents/lb.	\$0.72	\$0.72	\$0.72	\$0.72	\$0.73	\$0.74	\$0.74	\$0.70
RecyclingMarkets.Net/Secondary Materials Pricing - Baled								
-	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Mar-17
steel cans \$/TON	\$150-180	\$120-150	\$120-150	\$120-150	\$180-220	\$130-220	\$130-220	\$120-185



Energy and
Environment Cabinet

Kentucky Recycling Assistance Section

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